

IN THE SPECIFICATION:

Amend the paragraphs starting on page 6, line 25 and page 7, line 1 to read:

– – A further characteristic of the invention is the method of preparation of reactive polymers and copolymers according to the invention, which consists in that the *N*-(2-hydroxypropyl)methacrylamide monomer is subjected to precipitation radical polymerization in the presence of 3-sulfanylpropanoic acid as a chain carrier transfer agent or 2,2'-azobis(4-cyanopentanoic acid) as initiator and the obtained polymer is reacted with 4,5-dihydrothiazole-2-thiol.

The reactive copolymers according to the invention can be prepared by a method consisting in solution radical copolymerization of *N*-(2-hydroxypropyl)methacrylamide with *N*-methacryloylated oligopeptide of doxorubicin in the presence of 3-sulfanylpropanoic acid as chain carrier transfer agent or 2,2'-azobis(4-cyanopentanoic acid) as initiator and the obtained polymer is reacted with 4,5-dihydrothiazole-2-thiol. – –